

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

Claims 1- 23 (canceled).

24. (Currently amended) A compound selected from the group consisting of:

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-p-tolyl-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-pyridin-2-yl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-pyridin-2-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Benzyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(1R-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(1*rac*-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(1*S*-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

4-({5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-4-ylamino}-methyl)-benzenesulfonamide

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(4-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-naphthalen-1-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-

indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-fluoro-3-trifluoromethyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3-fluoro-5-trifluoromethyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-phenoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3,4-difluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(3-trifluoromethoxy-benzyl)-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-chloro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-thiophen-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-furan-2-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(4-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Biphenyl-2-ylmethyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Biphenyl-3-ylmethyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

3-({5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-  
pyrimidin-4-ylamino}-methyl)-N-methyl-benzamide

5-Bromo-N<sup>4</sup>-(2-chloro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-  
5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-phenethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-  
pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-pyridin-4-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-pyridin-3-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-[2-(3-fluoro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-  
1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)

5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)

5-Bromo-N<sup>4</sup>-[2-(4-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-  
1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-thiophen-  
2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-[2-(2-fluoro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-  
1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-[2-(2-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-  
1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-[2-(2-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-  
yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-(2-Benzo[1,3]dioxol-5-yl-ethyl)-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-  
4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-(3-phenyl-propyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-

indol-5-yl]-pyrimidine-2,4-diamine;

5-(5-Bromo-4-phenethylamino-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2-chloro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-(4-Benzylamino-5-bromo-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(1-phenyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(3-phenyl-propylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>4</sup>-(2-methanesulfonyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Benzyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Benzyl-N<sup>4</sup>-methyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N<sup>4</sup>-Methyl-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

[4-(2-Phenyl-morpholin-4-yl)-pyrimidin-2-yl]-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-amine

5-Methyl-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-(3-piperidin-4-yl-1H-indol-5-yl)-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-pyridin-2-yl-pyrimidine-2,4-diamine;

5-Bromo-N<sup>2</sup>-(2-pyridin-2-yl-ethyl)-N<sup>4</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

3-{4-(2-Pyridin-2-yl-ethylamino)-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-5-yl}-acrylic acid; ethyl ester;

5-{5-Bromo-4-[2-(3-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>4</sup>-[2-(3-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Bromo-N<sup>4</sup>-[2-(3-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-{5-Bromo-4-[2-(4-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>4</sup>-[2-(4-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-{5-Bromo-4-[2-(3-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>4</sup>-[2-(3-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-[5-Bromo-4-(2-o-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-o-tolyl-ethyl)-pyrimidine-2,4-diamine;

5-[5-Bromo-4-(2-m-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-m-tolyl-ethyl)-pyrimidine-2,4-diamine;

5-[5-Bromo-4-(2-p-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-p-tolyl-ethyl)-pyrimidine-2,4-diamine;

[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-acetic acid;

5-{5-Bromo-4-[2-(3-trifluoromethyl-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-[4-(2-Biphenyl-4-yl-ethylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[2-(3-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[2-(2-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-

dihydro-indol-2-one;

5-{5-Bromo-4-[2-(2-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[2-(4-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[2-(4-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[2-(2-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(3-phenyl-allylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

6-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(3-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(3-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-[(thiazol-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-[(5-methanesulfonyl-thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Chloro-N<sup>2</sup>-(1-methyl-1H-indol-5-yl)-N<sup>4</sup>-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Chloro-N<sup>2</sup>-(1H-indazol-5-yl)-N<sup>4</sup>-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Chloro-N<sup>2</sup>-(1-methyl-1H-indol-5-yl)-N<sup>4</sup>-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

6-[5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Chloro-N<sup>2</sup>-(1H-indazol-6-yl)-N<sup>4</sup>-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Chloro-N<sup>2</sup>-(1H-indazol-6-yl)-N<sup>4</sup>-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

(5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid; tert-butyl ester;

(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-2-yl)-acetic acid; tert-butyl ester;

6-{4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;

(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid; tert-butyl ester;

N4-Pyridin-2-ylmethyl-N2-quinolin-5-yl-5-trifluoromethyl-pyrimidine-2,4-diamine;

2-(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-N-(2-methoxy-ethyl)-acetamide;

6-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;

(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid; tert-butyl ester;

N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;

(5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid; tert-butyl ester;

(6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;

(5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;

(5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;

5-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-[5-Chloro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-



dihydro-indol-2-one;

6-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(2-methoxy-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-{5-Chloro-4-[(4-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-(4-Benzylamino-5-chloro-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;

5-Bromo-N2-(1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

N2-(1H-Indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

N2-(1H-Indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

N2-(1H-Indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

N2-(1H-Indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-benzoimidazol-2-one;

5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-benzoimidazol-2-one;

5-{4-[(Pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-  
benzoimidazol-2-one;

5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-  
benzoimidazol-2-one;

5-Bromo-N2-(1H-indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-  
indol-2-one;

5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-  
indol-2-one;

5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-  
2,4-diamine;

N2-(2-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

N2-(1H-Indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-  
diamine;

5-Bromo-N2-(1H-indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-  
diamine;

N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-  
2,4-diamine;

3-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-yl]-3H-benzoimidazol-  
5-ylamine

N2-(1H-Benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-  
pyrimidine-2,4-diamine;

N2-(2-Methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-  
diamine;

5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-  
pyrimidine-2,4-diamine;

5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-  
2,4-diamine;

N2-(2,3-Dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Fluoro-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;

5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-7-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indazol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-6-yl-pyrimidine-2,4-diamine;

5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-5-yl-pyrimidine-2,4-diamine;

5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-5-yl-pyrimidine-2,4-diamine;

6-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-8-yl-pyrimidine-2,4-diamine;

5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-8-yl-pyrimidine-2,4-diamine;

5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1H-indole-2-carboxylic acid; ethyl ester;

6-[5-Bromo-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;

5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-trifluoromethyl-benzyl)-  
pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indazol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-  
diamine;  
6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-3H-  
isobenzofuran-1-one;  
N2-Benzothiazol-6-yl-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-2-methyl-  
1H-indole-3-carbonitrile  
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indazol-5-yl)-  
pyrimidine-2,4-diamine;  
N2-(1-Benzyl-1H-indol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-  
diamine;  
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indol-5-yl)-  
pyrimidine-2,4-diamine;  
N2-(1-Benzyl-1H-indazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-  
2,4-diamine;  
5-Bromo-N2-(1-methyl-1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-  
2,4-diamine;  
5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N4-cyclohexylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-  
indol-5-yl]-pyrimidine-2,4-diamine;  
1-{5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl}-3-(1,2,3,6-  
tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine  
1-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl}-3-(1,2,3,6-  
tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine  
5-Fluoro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-  
indol-2-one;

5-Chloro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-Fluoro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Chloro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Fluoro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-[5-Fluoro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-Chloro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-[5-Chloro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-{4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-{5-Methoxy-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-[5-Methoxy-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Methoxy-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-{5-Bromo-4-[(cyclohex-1-enylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(methyl-pyridin-2-ylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(cyclohexylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile

5-{5-Methyl-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

N2-(1H-Indazol-5-yl)-5-methyl-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;

5-Fluoro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5-Chloro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-(2-trifluoromethyl-benzylamino)-pyrimidine-5-carbonitrile

5-{4-[Methyl-(2-pyridin-2-yl-ethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-Bromo-N4-cyclohex-1-enylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;

5-[5-Trifluoromethyl-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-{2-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-4-ylamino}-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[4-(1-Acetyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

2-(2-Oxo-2,3-dihydro-1H-indol-6-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile

5-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

6-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-1-carboxylic acid; tert-butyl ester;

5-[5-Bromo-4-(1-methanesulfonyl-piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[5-Bromo-4-(piperidin-3-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-1-carboxylic acid; ethylamide

3-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-1-carboxylic acid; ethylamide

5-[4-(1-Benzoyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[4-(3-Methanesulfonyl-benzylamino)-5-methoxy-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-[4-(3-Methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[4-(1-Benzenesulfonyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

6-{5-Chloro-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

6-{5-Chloro-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

6-{5-Bromo-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

6-{5-Bromo-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5-[5-Fluoro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

5-{5-Bromo-4-[(1-hydroxy-cyclohexylmethyl)-amino]-pyrimidin-2-ylamino}-

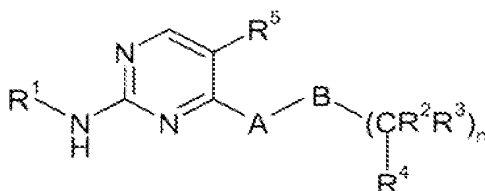
1,3-dihydro-indol-2-one; and a pharmaceutically [a] acceptable salt, hydrate or solvate of the aforementioned compounds.

Claims 25-30 (Cancelled)

31. (Currently amended) A method for the treatment of breast cancer in a mammal comprising administering to said mammal an amount of a compound of claim [24] 33 that is effective in treating breast cancer.

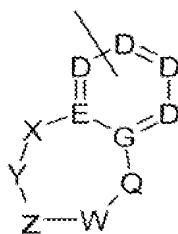
32. (Currently amended) A pharmaceutical composition comprising a compound of claim [24] 33 and a pharmaceutically acceptable carrier.

33. (New) A compound of the formula 1



1

or a pharmaceutically acceptable salt, solvate, or hydrate thereof,  
wherein R¹ has the following formula 2



2

wherein each D is independently selected from the group consisting of CR⁸ and N, with the proviso that R¹ is linked to NH group through a ring carbon atom;

wherein E and G are independently selected from the group consisting of N and C;

wherein X, W and Q are independently selected from the group consisting of N, O, S, SO₂, CO, NR³, CR² and CR²R³;

wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, O, S, SO₂, CO, NR³, CR² and CR²R³;

wherein A is present or absent, if present A is selected from the group consisting of O, S and NH and wherein B is present or absent, if present B is selected from the



group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>, with the proviso that when A is O or S that B is absent;

wherein n is an integer from 1 to 3;

wherein each R<sup>2</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, and C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>;

wherein each R<sup>3</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, and C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, or R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>;

wherein R<sup>4</sup> is selected from the group consisting of C<sub>6</sub>-C<sub>10</sub> aryl and 5-10 membered heteroaryl, wherein the aryl and heteroaryl moieties of the foregoing groups are each substituted by 1 to 3 substituents independently selected from the group consisting of SR<sup>6</sup>, SOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sup>6</sup>, SO<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>, NHSO<sub>2</sub>R<sup>6</sup> and NR<sup>6</sup>SO<sub>2</sub>R<sup>6</sup>, with the proviso that the O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom;

wherein R<sup>5</sup> is selected from the group consisting of H, Br, Cl, CN, CF<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, SO<sub>2</sub>CH<sub>3</sub>, CONH<sub>2</sub>, cyclopropyl, cyclobutyl, C<sub>6</sub>H<sub>5</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup>, CO<sub>2</sub>R<sup>6</sup>, C(R<sup>9</sup>)=C(R<sup>9</sup>)<sub>2</sub>, and C≡CR<sup>9</sup>;

wherein each R<sup>6</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-

C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>;

wherein each R<sup>7</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>;

wherein each R<sup>8</sup> is independently selected from the group consisting of H, halo, cyano, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, OC<sub>1</sub>-C<sub>6</sub> alkyl, OC<sub>3</sub>-C<sub>7</sub> cycloalkyl, OC<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, NH<sub>2</sub>, NHR<sup>6</sup>, NR<sup>6</sup>R<sup>7</sup>, SR<sup>6</sup>, SOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, CONH<sub>2</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sup>6</sup>, SO<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>, NHCOR<sup>6</sup>, NR<sup>6</sup>CONR<sup>6</sup>, NHCONHR<sup>6</sup>, NR<sup>6</sup>CONHR<sup>6</sup>, NHCONR<sup>6</sup>R<sup>7</sup>, NR<sup>6</sup>CONR<sup>6</sup>R<sup>7</sup>, NHSO<sub>2</sub>R<sup>6</sup>, NR<sup>6</sup>SO<sub>2</sub>R<sup>6</sup>, said alkyl, cycloalkyl, and heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>3</sup>, N(R<sup>3</sup>)<sub>2</sub>, OR<sup>3</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>6</sup>, CONH<sub>2</sub>, CONHR<sup>6</sup>, and CONR<sup>6</sup>R<sup>7</sup>; and

wherein each R<sup>9</sup> is independently selected from the group consisting of H, CF<sub>3</sub>, and C<sub>1</sub>-C<sub>6</sub> alkyl, said C<sub>1</sub>-C<sub>6</sub> alkyl is optionally substituted by 1 to 6 halo atoms;

wherein each R<sup>10</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, CONR<sup>11</sup>R<sup>12</sup>, SOR<sup>11</sup>, SO<sub>2</sub>R<sup>11</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sup>11</sup>, SO<sub>2</sub>NR<sup>11</sup>R<sup>12</sup>, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>13</sup>, N(R<sup>13</sup>)<sub>2</sub>, OR<sup>13</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>14</sup>, CONH<sub>2</sub>, CONHR<sup>14</sup>, and CONR<sup>14</sup>R<sup>15</sup>;

wherein each R<sup>11</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, C<sub>5</sub>-C<sub>10</sub> membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>13</sup>, N(R<sup>13</sup>)<sub>2</sub>, OR<sup>13</sup>, C<sub>1</sub>-

C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>14</sup>, CONH<sub>2</sub>, CONHR<sup>14</sup>, and CONR<sup>14</sup>R<sup>15</sup>;

wherein each R<sup>12</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, C<sub>5</sub>-C<sub>10</sub> membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>13</sup>, N(R<sup>13</sup>)<sub>2</sub>, OR<sup>13</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>14</sup>, CONH<sub>2</sub>, CONHR<sup>14</sup>, and CONR<sup>14</sup>R<sup>15</sup>;

wherein each R<sup>13</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>14</sup>, CONH<sub>2</sub>, CONHR<sup>14</sup>, CONR<sup>14</sup>R<sup>15</sup>, SOR<sup>14</sup>, SO<sub>2</sub>R<sup>14</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sup>14</sup>, SO<sub>2</sub>NR<sup>14</sup>R<sup>15</sup>;

wherein each R<sup>14</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, C<sub>5</sub>-C<sub>10</sub> membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NH C<sub>1</sub>-C<sub>6</sub>alkyl, N(C<sub>1</sub>-C<sub>6</sub>alkyl)<sub>2</sub>, O-C<sub>1</sub>-C<sub>6</sub> alkyl; and

wherein each R<sup>15</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, C<sub>6</sub>-C<sub>10</sub> aryl, C<sub>5</sub>-C<sub>10</sub> membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NH C<sub>1</sub>-C<sub>6</sub>alkyl, N(C<sub>1</sub>-C<sub>6</sub>alkyl)<sub>2</sub>, O-C<sub>1</sub>-C<sub>6</sub> alkyl.

34. (New) The compound according to claim 33, wherein E and G are independently selected from the group consisting of N and C;

wherein X, W and Q are independently selected from the group consisting of N, O, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>; and

wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, O, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>.

35. (New) The compound according to claim 34, wherein E and G are independently selected from the group consisting of N and C;

wherein X, W and Q are independently selected from the group consisting of N,

CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>; and

wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>.

36. (New) The compound according to claim 35, wherein E and G are C;

wherein X, W and Q are independently selected from the group consisting of N, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>; and

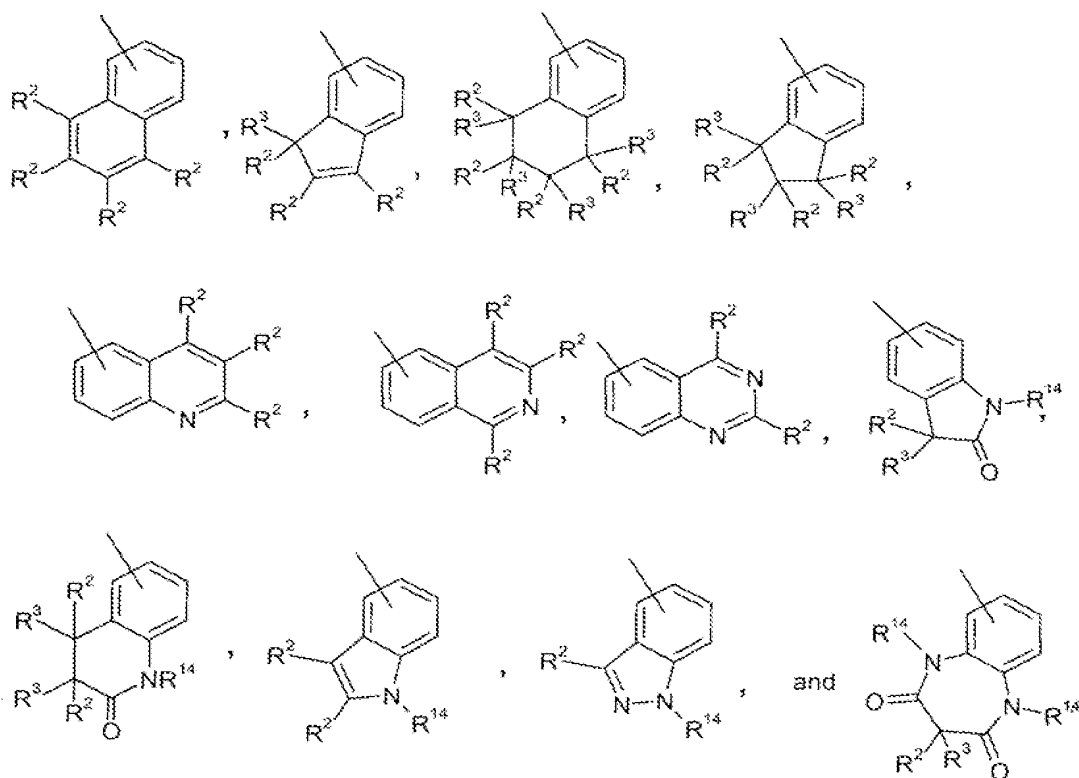
wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>.

37. (New) The compound according to claim 36, wherein E and G are C;

wherein X, W and Q are independently selected from the group consisting of N, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>; and

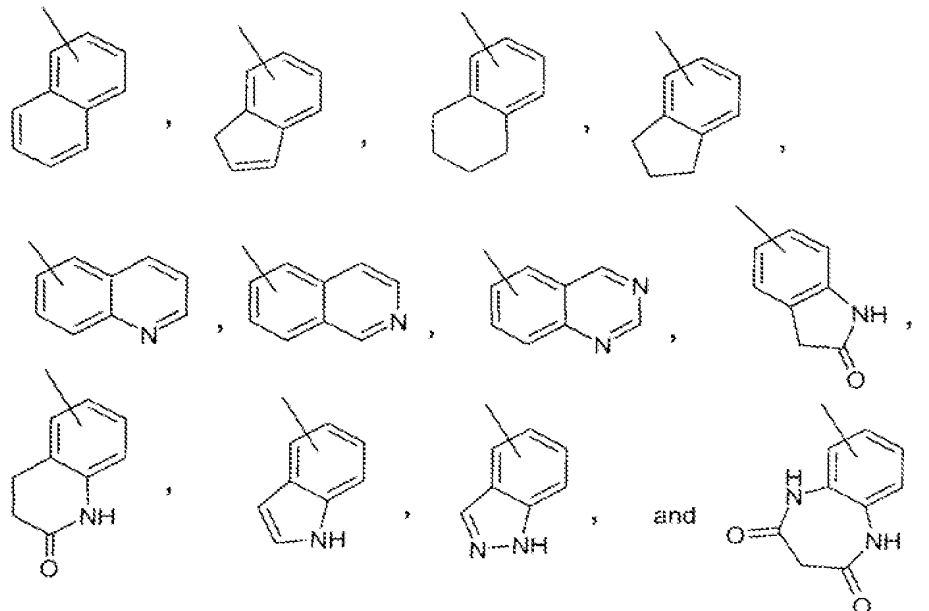
wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>.

38. (New) The compound according to claim 37, wherein R<sup>1</sup> is selected from the group consisting of:

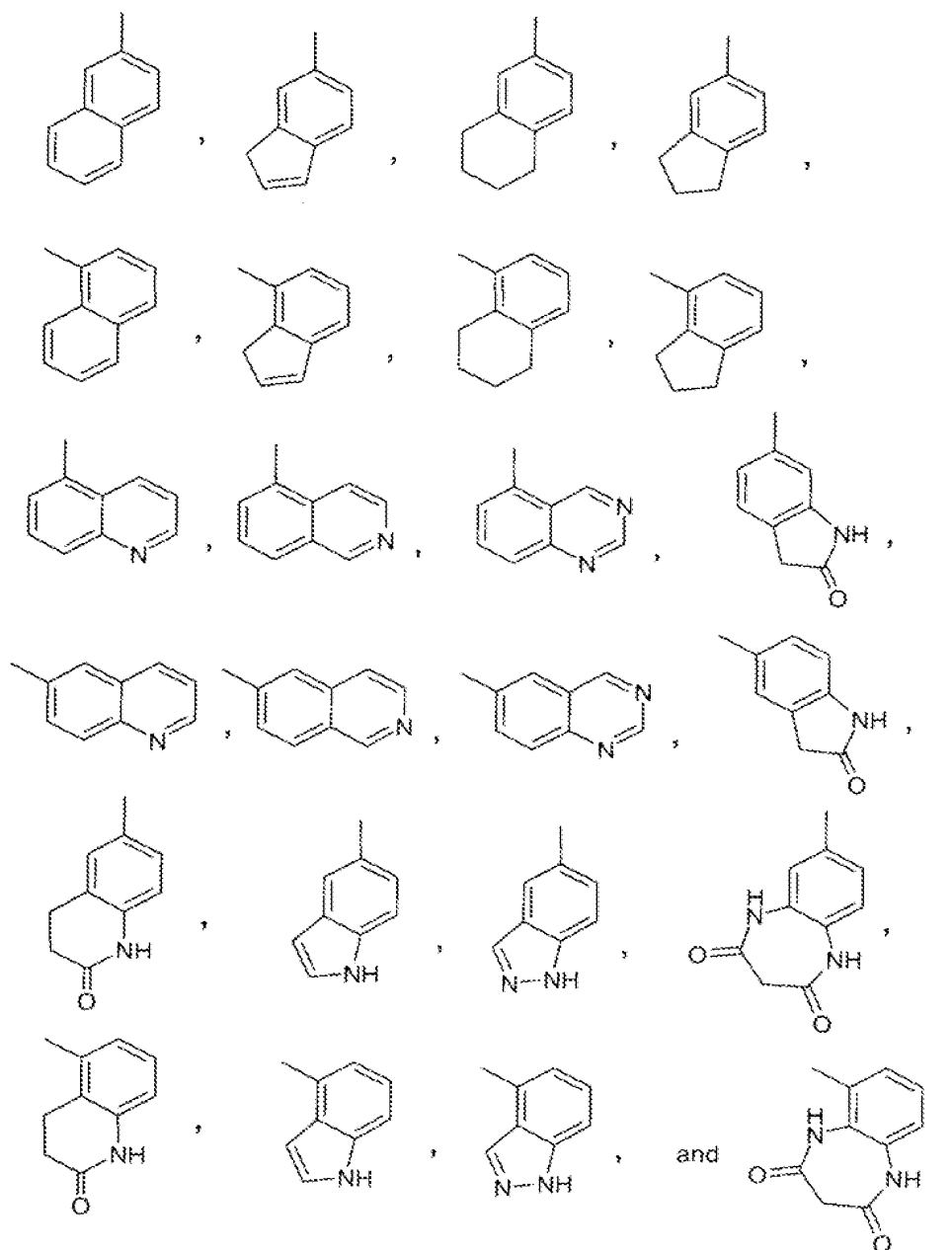


39. (New) The compound according to claim 38, wherein R<sup>1</sup> is selected

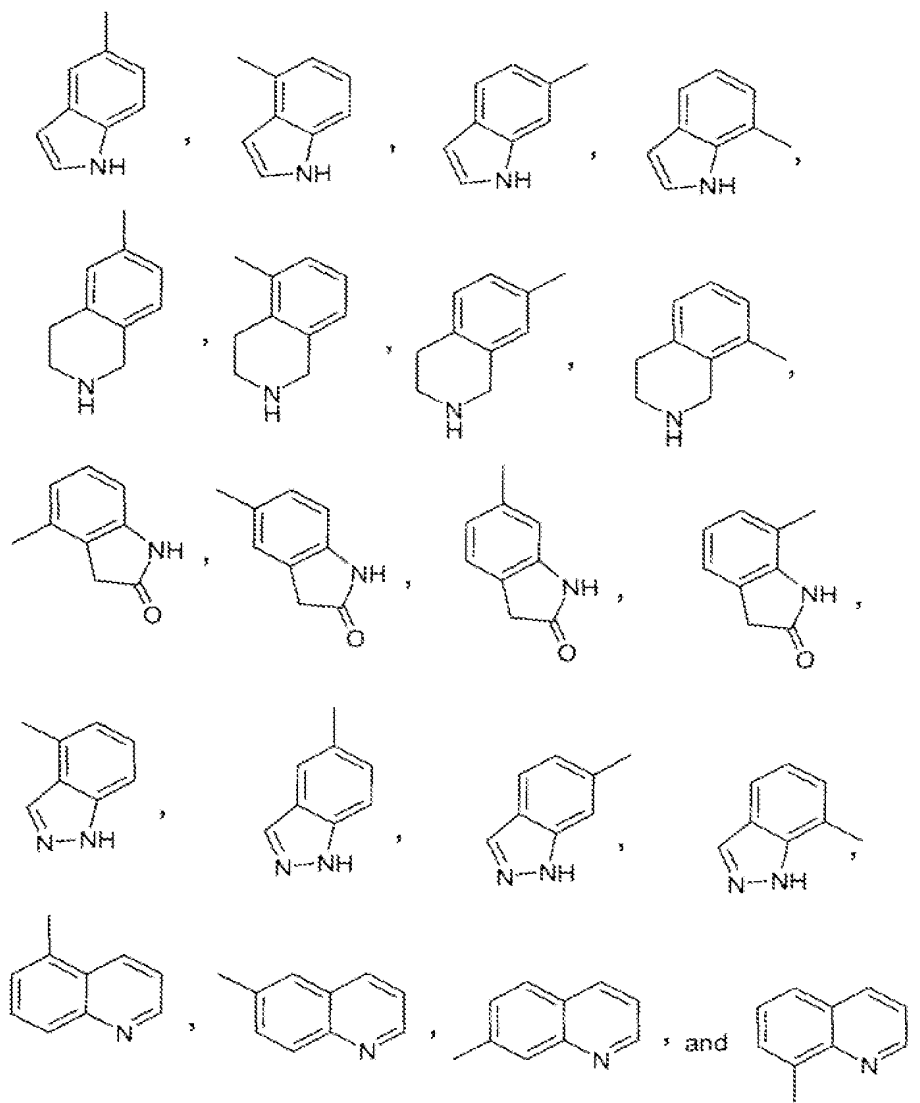
from the group consisting of:



40. (New) The compound according to claim 38, wherein  $R^1$  is selected from the group consisting of:



41. (New) The compound according to claim 38, wherein  $R^1$  is selected from the group consisting of:



42. (New) The compound according to claim 33, wherein A is present or absent, if present A is selected from the group consisting of O and NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>, with the proviso that when A is O that B is absent.

43. (New) The compound according to claim 42, wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>.

44. (New) The compound according to claim 43, wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected

from the group consisting of CO and NR<sup>6</sup>.

45. (New) The compound according to claim 44, wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is CO.

46. (New) The compound according to claim 45, wherein A is present or absent, if present A is NH and wherein B is absent.

47. (New) The compound according to claim 46, wherein A is NH and wherein B is absent.

48. (New) The compound according to claim 33 wherein each R<sup>2</sup> is independently selected from the group consisting of H and C<sub>1</sub>-C<sub>6</sub> alkyl, said alkyl group is optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>; and wherein each R<sup>3</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, said alkyl group is optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>.

49. (New) The compound according to claim 48 wherein each R<sup>2</sup> is H; and each R<sup>3</sup> is H.

50. (New) The compound according to claim 33 wherein R<sup>4</sup> is a 5-10 membered heteroaryl.

51. (New) The compound according to claim 33, wherein R<sup>4</sup> is a C<sub>6</sub>-C<sub>10</sub> aryl.

52. (New) The compound according to claim 33, wherein R<sup>5</sup> is selected from the group consisting of H, Br, Cl, CN, CF<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, SO<sub>2</sub>CH<sub>3</sub>, CONH<sub>2</sub>, C<sub>6</sub>H<sub>5</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup>, CO<sub>2</sub>R<sup>6</sup>, C(R<sup>9</sup>)=C(R<sup>9</sup>)<sub>2</sub>, and C≡CR<sup>9</sup>.

53. (New) The compound according to claim 52, wherein R<sup>5</sup> is selected from the group consisting of H, Br, Cl, CN, CF<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, SO<sub>2</sub>CH<sub>3</sub>, CONH<sub>2</sub>, and C<sub>6</sub>H<sub>5</sub>.

54. (New) The compound according to claim 53, wherein R<sup>5</sup> is selected from the group consisting of H, Br, Cl, CN, CF<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, SO<sub>2</sub>CH<sub>3</sub>, and CONH<sub>2</sub>.